

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,980,580 B2
APPLICATION NO. : 10/646507
DATED : December 27, 2005
INVENTOR(S) : JA Aune, JC Brinch and K Johansen

Page 1 of 1

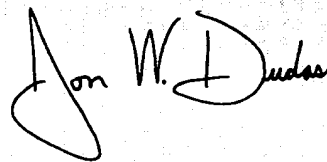
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Assignee: Alcoa Inc., Pittsburgh, PA (US)
Elkem ASA, Oslo (Norway)

Support for this correction (Reel/Frame Recordation & Issue Fee Transmittal) are submitted herewith.

Signed and Sealed this

Twenty-ninth Day of August, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office